a pair of endless coating belts which are spaced at a required interval so as to be mutually opposed and rotated in opposite directions, wherein at least one of said pair of feed rollers is in contact with at least one of said pair of endless coating belts, thereby transferring the coating material to a surface of said endless coating belt, and wherein the surface of the endless coating belt coated with the coating material comes into contact with an introduced component to be coated with the coating material, to thereby coat a surface of the component with the coating material during a course of feeding of the component in a single direction.

10 ~~14~~. (Amended) A flux coating apparatus comprising:

a pair of endless coating belts which are vertically spaced at a predetermined interval so as to be mutually opposed and rotated in opposite directions, said endless coating belts being brought into contact with top peaks of an aluminum corrugated fin for a heat exchanger to be introduced between a clearance between opposing portions of said endless coating belts, and applying a coating material comprising a fluid mixture containing flux to the top peaks during a course of feeding the corrugated fin in a single direction; and

a pair of pressure plates for pressing the opposing portions of said endless coating belts against the top peaks of the corrugated component.

11 ~~15~~. (Amended) A flux coating apparatus according to claim ~~14~~ 10, wherein a clearance between the pair of presser plates in a vicinity of a fin inlet side is set greater than a height of the corrugated component.

12 ~~16~~. (Amended) A flux coating apparatus according to claim ~~15~~ 11, wherein end portions at the fin inlet side of respective presser plates are tapered outward.

13 ~~18~~. (Amended) A flux coating apparatus according to claim ~~14~~ 10, wherein said endless coating belt comprises elastic material so that the surface of the endless coating belt is elastically brought into contact with the top peaks of the corrugated fin.

19. (Amended) A method for manufacturing a heat exchanger, comprising the steps of:

applying a coating material comprising a fluid mixture containing flux exclusively to top peaks of corrugated fins;

stacking a plurality of said corrugated fins and a plurality of flat tubes in an alternating manner to thereby constitute a core;

inserting ends of said flat tubes of the core into tube insertion holes of header tanks; and

heating the core, thereby brazing together the top peaks of the corrugated fins and the flat tubes.

20. (Amended) A method for manufacturing a heat exchanger according to claim ~~19~~, further comprising a step of applying the coating material to one of peripheral edges of the tube insertion holes formed in the header tanks and the ends of the flat tubes before said heating, so that the peripheral edges of the tube insertion holes of the header tanks and the ends of the respective flat tubes are brazed a said heating step.

21. (Amended) A method for manufacturing a heat exchanger according to claim ~~19~~, wherein the coating material is applied to the top peaks of said corrugated fins as the fins pass between a pair of endless coating belts.